## **EAST Search History**

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
31	615	(Purif\$7 and cool\$3) and (dialkyl near10 ester) and ((terephthalic or isophthalic or 2,6-naphthalenedicarboxylic) adjacid)	US-PGPUB; USPAT	OR	ON	2009/08/14 09:35
 32	712	(Purif\$7 and cool\$3) and (dialkyl near10 ester) and ((terephthalic or isophthalic or 2,6-naphthalenedicarboxylic) adjacid)	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/14 09:36
33	626	S2 and (dihydrox\$7 or glycol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/14 09:38
34	0	("95.ccls").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 09:40
35	0	"95.cds"	US-PGPUB; USPAT	ADJ	ON	2009/08/14 09:40
36	0	"95"/\$.cds	US-PGPUB; USPAT	ADJ	ON	2009/08/14 09:40
37	0	(*95"/\$.cds).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 09:41
8	0	"95".cds.	US-PGPUB; USPAT	ADJ	ON	2009/08/14 09:41
 39	20808	(*95").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 09:42
310	0	("19and13").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 09:42
311	626	S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/14 09:49
S12	50	S11 and ((stage or step or zone or layer) adj (multi or multiple))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/14 09:50

S13	626	\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/14 09:51
S14	590	S3 and (step or stage or zone or layer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/14 09:52
S15	645	S2 and (dihydrox\$7 or gly∞l or diol)	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/14 09:58
S16	0	("2008/0236391").URPN.	USPAT	ADJ	ON	2009/08/14 10:37
S17	56111	(dialkyl near S10 ester) or (terephthalic acid or isophthalic acid or 2,6-naphthalenedicarboxylic acid)	US-PGPUB; USPAT	ADJ	ON	2009/08/14 11:23
S18	34972	S17 and (gas or stream or vapor)	US-PGPUB; USPAT	ADJ	ON	2009/08/14 11:24
S19	0	S18 and puirf\$7	US-PGPUB; USPAT	ADJ	ON	2009/08/14 11:25
S20	8193	S18 and purif\$7	US-PGPUB; USPAT	ADJ	ON	2009/08/14 11:25
S21	1792	S18 and ((purif\$7 or seperat\$5) SAME1 (glycol or diol or dihydrox\$5))	US-PGPUB; USPAT	ADJ	ON	2009/08/14 11:27
S22	68	S21 and (multistep\$5 or multistage\$5 or multizone\$5 or multilevel\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/14 11:30
S23	3432695	(dialkyl near S10 ester) or (terephthalic acid or isophthalic acid or 2,6-naphthalenedicarboxylic acid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/14 11:32
S24	970506	S23 and (gas or stream or vapor)	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/14 11:32

S25	290993	\$24 and purif\$7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/14 11:33
S26	42068	S24 and (purif\$7 or seperat\$5) same1 (glycol or diol dihydroxy\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/14 11:34
<b>S</b> 27	486	S26 and (step\$2 or zone\$2 or layer\$2 or stage\$2) adj (multi or plural\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/14 11:37
S28	0	"95.cds"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/14 11:38
S29	20808	(("95").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 11:39
S30	2	S27 and S29	US-PGPUB; USPAT	ADJ	ON	2009/08/14 11:39
S31	57476	\$24 and (purif\$7 or seperat\$5 or recover\$5) same1 (glycol or diol dihydroxy\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/14 11:42
S32	449	S31 and (step\$2 or stage\$2 or zone\$2 or layer\$2) adj (multi or plural)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/14 11:44
S33	0	("6312503,5434239,3839414,3227743,145540,160829,134835,0741124,10316466").PN.	US PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 14:04
S34	1	("6312503").FN.	, <i> -</i>	OR	OFF	2009/08/14 14:05
S35	24	("2878107"   "3210914"   "3432994"   "3445182"   "3556490"   "3739551"   "3936281"   "3944401"   "4110088"   "4230819"   "4263425"   "4340721"   "4356299"   "5080696"   "5434239"   "5474597"   "5496778"   "5660615").PN. OR ("6312503").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/14 14:05
S36	0	DD 145540A	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/14 14:44

S37	1	DD 145540A	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/14 14:48
338	360	(terephtha\$ or isphthala\$ or \$naphthalendicarboxyl\$) and "95".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/19 07:51
339	106703	"2" and (gas adj stream)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/19 07:52
340	126	S38 and (gas adj stream)	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/19 07:53
41	0	S38 and 95/187,199,211,223,224,225,237.cds	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/19 07:53
42	0	S38 and 95/187,199,211,223,224,225,237.clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/19 07:53
43	0	(1and95/187,199,211,223,224,225,237.das.).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/19 07:54
344	0	S38 and 95/187,199,211,223,224,225,237.clas.	US-PGPUB; USPAT	ADJ	ON	2009/08/19 07:54
<del>3</del> 45	16	\$38 and 95/187,199,211,223,224,225,237.cds.	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/19 07:54

S46	13	("2921648"   "3503186"   "3658463"   "3907972"   "3909206").PN. OR ("4115081").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/19 09:30
S47	2	S46 and(glycol or diol or banediol or proanediol or (aliphatic adj dihydroxy))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/19 09:31
S48	2	S46 and(glycol or diol or banediol or proanediol or (aliphatic adj dihydroxy))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/19 09:32
S49	2	S46 and (ester)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/19 09:34
S50	27	("1915987"   "2952675"   "3047565"   "3142548"   "3242227"   "3540190"   "3618301"   "3739549"   "3763631"   "3812657"   "3971642"   "4084947"   "4120671"   "4145194"   "4155726"   "4363642"   "4676807"   "4731100"   "5122321").PN. OR ("5429668").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/19 09:37
S51	1	S50 and(glycol or diol or butanediol or propanediol or (aliphatic ad dihydroxy) or dihydroxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/19 09:38
S52	0	S50 and (ester)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/19 09:52
S53	9	("3671578"   "4933491"   "5068410"   "5149867"   "5256817"   "5292934").PN. OR ("5629446").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/19 16:14
S54	533061	"9" and (glycol or butandiol or propandiol or (aliphatic adj dihydroxy))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/19 16:19
S55	533061	"9" and (glycol or butandiol or propandiol or (aliphatic adj dihydroxy))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/19 16:20
S56	14	("2952675"   "3047565"   "33533334"   "3535399"   "3542892"   "4043773"   "4425285"   "5122321"   "5401297"). PN. OR ("6361586").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/19 16:39
\$57	0	S56 and (glycol or butandiol or propandiol or (aliphatic adj dihydroxy))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/19 16:40

358	5	S56 and (acid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/19 16:41
359	15	("3719720"   "3745747"   "3755990"   "3778968"   "3778969"   "3823531"   "3841060"   "4043769"   "4265944"   "5088913"   "5147418"   "5219585"   "5409513"   "5521264"   "5533437").PN. OR ("5749944").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/20 07:54
360	10	("2225959"   "3321890"   "3492788"   "3589104").PN. OR ("3745747").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/20 09:54
61	15	("3719720"   "3745747"   "3755990"   "3778968"   "3778969"   "3823531"   "3841060"   "4043769"   "4265944"   "5088913"   "5147418"   "5219585"   "5409513"   "5521264"   "5533437").PN. OR ("5749944").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/20 10:02
62	15	("3719720"   "3745747"   "3755990"   "3778968"   "3778969"   "3823531"   "3841060"   "4043769"   "4265944"   "5088913"   "5147418"   "5219585"   "5409513"   "5521264"   "5533437").PN. OR ("5749944").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/20 10:08
63	39	("1866560"   "2225959"   "2603311"   "2988171"   "3253390"   "3255573"   "3737392"   "3745746"   "3745747"   "3831346"   "3855337"   "4005997"   "4282386"   "4334102"   "4446118"   "4479811"   "4518396"   "4689436"   "4784673"   "4810267"   "4979965"   "5167675"   "5346537"   "5453114"   "5462584"). PN. OR ("5922109"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/20 10:08
64	3	S63 and ester	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/20 10:08
65	0	( <b>"</b> 2006/0276619").URPN.	USPAT	ADJ	ON	2009/08/20 10:33
66	0	( <b>"</b> 2006/0276619").URPN.	USPAT	ADJ	ON	2009/08/20 10:33
67	1	10593333"	US-PGPUB; USPAT	ADJ	ON	2009/08/20 13:23
68	45853	1,4-butanediol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 12:29
69	37557	(1,4-butanediol) and (purif\$4 or separat\$4 or solvent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 12:31
70	6142	(1,4-butanediol) same (purif\$4 or separat\$4 or solvent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 12:31
71	710	(1,4-butanediol) same (purif\$4 or separat\$4 or solvent) with (ester)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 12:31

S72	3	(1,4-butanediol) same (purif\$4 or separat\$4 or solvent) with (dimethylterephthalate)	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 12:32
S73	1	(1,4-butanediol) same (purif\$4 or separat\$4) with (dimethylterephthalate)	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 12:35
S74	426	(1,4-butanediol) with (cool\$4 or purif\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 12:37
S75	0	ester with (purify or cool) with 1,4-butanediol adj4 (solvent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 12:45
 676	0	ester with (purify or cool) with 1,4-butanediol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 12:45
 377	1198	dihydroxy with 1,4-butanediol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 12:45
578	487	glycol with 1,4-butandiol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 12:50
S79	56154	Butylene glycol or Dihydroxybutane or Tetramethylene near glycol or Butylene near glycol or Dabco DBO or Diol 14B or NSC "406696" or Polycure D or Sucol B or Tetramethylene near2 diol or Tetramethylene near glycol or Vibracure A "250"	US PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 15:09

S80	274457	(Scrub\$5 or clean\$4 or wash\$4) with (gas or stream or vapor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 15:09
<del>3</del> 81	63	S79 same S80	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 15:10
S82	2692	(Percentage\$4 or ppm or parts per million or fraction or "%") with (DMT or dimethyl\$1terephthalate\$3 or dimethyl terephthalate or ester near3 terephthal\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 15:23
<b>3</b> 83	1	S81 and S82	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 15:24
§84	10	S80 same S82	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 15:24
85	2	"6642407".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 15:39
 386	4	"160829".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 15:44
S87	0	ep "0741124"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 15:46

588	2	"0741124".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 15:46
89	0	"0741124A".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 15:47
90	2	"0741124".pn.	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 15:50
91	8	"5578173"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 15:51
92	4	"160829".pn.	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/02 15:53
33	2	"6274743".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 07:12
94	2	"6312503".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 07:16
95	2	"5434239".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 07:18

S96	4	"160829".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 07:20
\$97	5	"866997".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 07:38
S98	0	"1"\$"1""4"\$"1"butane\$1diol same dimethyl\$1terepthalate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 07:41
S99	258812	1,4-butanediol same dimethyl terephthalate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 07:41
S100	10840	1,4-butanediol same dimethyl terephthalate same esteri\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 07:41
S101	2	"0471124".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 07:44
S102	2	"0741124".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 07:44
S103	11428	1,4-butanediol same ester	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 07:48

S104	19		US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 07:48
S105	425		US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 07:51
\$106	0		US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 08:00
107	1138	stream)	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 08:00
108	265		US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 08:03
109	9065		US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 08:04
110	1898		US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:38
3111	0		US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:43

S112	885	S110 same (less than/equal to 50%)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:44
S113	0	S110 same ("less than/equal to 50%")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:45
S114	0	S110 same ("less than/equal to 50 percent")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:46
S115	0	S110 same ("less than 50 percent")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:46
6116	0	S110 same ("less than 50%")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:46
117	0	S110 same ("less than fifty percent")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:46
S118	0	S110 same ("50% or less")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:51
S119	0	S110 same ("50 percent or less")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:51

S120	0	S110 same ("fifty percent or less")	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2009/09/03 10:52
S121	0	S110 and("fifty percent or less")	IBM_TDB US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:52
5122	0	S110 and ("50 percent or less")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:52
5123	0	S110 and ("50% or less")	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:52
124	0	S110 and ("less than 50%")	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:52
125	0	S110 and ("less than 50 percent")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:52
126	0	S110 and ("less than fifty percent")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:52
3127	0	S110 and ("less than/equal to fifty percent")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:53

S128	0	S110 and ("less than/equal to 50 percent")	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:53
S129	0	S110 and ("less than/equal to 50%")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:53
S130	0	"degree of saturation" and "less than/equal to 50%"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 11:39
S131	0	"degree of saturation"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 11:39
S132	0	"degree of saturation[%]"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 11:39
S133	4625689	degree of saturation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 11:40

## **EAST Search History (Interference)**

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